EQUIPMENT FUNDING OPPORTUNITIES

Equipment funding opportunities are listed in alphabetical order according to the agency. A short summary of the program is provided; the sponsor's program page will provide more detailed information and eligibility requirements. If you have questions about any of these opportunities, please contact your Research Development Specialist.

Note: This is not an exhaustive list of all equipment funding opportunities available.
Link to InfoReady portal page for internal LOIs: https://sjsu.infoready4.com/

Last updated: 10/3/23 (AKD)

Sponsoring Organization & Program/Grant Name	Amount Funded	Deadline	Limited Submission
Department of Defense Defense University Research Instrumentation Program (DURIP)	$50k - $1.5M	May	No
Designed to improve the capabilities of US institutions of higher education to conduct research and educate scientists and engineers in areas important to national defense. Provides support to purchase instrumentation in support of research in areas of interest to the DOD.			
Department of Defense Research and Education Program for HBCUs and MSIs (HBCU/MSI) Equipment/Instrumentation	$100k - $600k	August	3 per institution (Anticipated internal deadline: June)
Aims to enhance research and education programs and capabilities in scientific and engineering disciplines critical to the national security functions of the DoD, enhance the capacity of HBCUs/MSIs to participate in DoD research programs and activities, and increase the number of graduates, including underrepresented minorities, in STEM fields.			
DOE Laboratory Equipment Donation Program (LEDP)	N/A	Rolling	No
Grants surplus and available used laboratory equipment to full-time faculty at US universities and colleges for use in energy-oriented STEM educational programs. Available at no cost for a limited time and is granted on a first-received qualified application basis.			
NASA ROSES: Planetary Major Equipment	$40k - no limit	Varies by program of interest	No
Supports new or upgraded nonflight analytical, computational, telescopic, and other instrumentation required by investigations sponsored by the Planetary Science Research Program's science research programs. Proposals may be submitted in one of two ways: (1) as a special section that is appended to an eligible Planetary Science research program; or (2) as a stand-alone equipment proposal submitted to an eligible Planetary Science research program.			
NIFA Equipment Grants Program (EGP)	$25k - $500k	March	2 per institution (Internal LOI deadline: September)
Seeks to strengthen the quality and expand the scope of fundamental and applied research at eligible institutions, by providing them with opportunities to acquire one shared-use piece of equipment/instrument that supports their research, research training, and extension goals and may be too costly and/or not appropriate for support through other NIFA grant programs.			
NIH (C06) Biomedical Research Facilities	$3M - $8M	March	1 per institution (Anticipated internal LOI deadline: May)
To modernize and improve existing shared-use research facilities (e.g., core lab space or animal facilities), or to construct new biomedical research space and furnish with necessary casework or fixed equipment.			

Sponsoring Organization & Program/Grant Name	Amount Funded	Deadline	Limited Submission
NIH (S10) Instrumentation Grant Program for Resource-Limited Institutions	$25k - $250k	July (anticipated)	No
Provides funds to purchase a single, specialized, commercially available instrument or an integrated instrumentation system. An integrated instrumentation system is one in which the components, when used in conjunction with one another, perform a function that no single component can provide. This program is intended to strengthen the biomedical research and educational capacity of under-resourced institutions. There is no requirement or expectation that eligible institutions have existing NIH or other federally funded research programs.			
NIH (S10) Basic Instrumentation Grant (BIG)	$25k - $250k	June	1 per institution (Internal LOI deadline: November)
Encourages applications from groups of NIH-supported investigators to purchase a single costly, specialized, commercially available instrument or an integrated instrumentation system. Types of instruments supported include, but are not limited to, basic cell sorters, confocal microscopes, ultramicrotomes, gel imagers, or computer systems. Applications for standalone computer systems (supercomputers, computer clusters, and data storage systems) will only be considered if the system is solely dedicated to biomedical research. All instruments, integrated systems, and computer systems must be dedicated to research only.			
NIH (S10) Shared Instrumentation Grant (SIG)	$50k - $600k	June	No
Encourages applications from groups of NIH-supported investigators to purchase or upgrade a single item of high-end, specialized, commercially available instrument or integrated system. Types of instruments supported include, but are not limited to: X-ray diffractometers, mass spectrometers, nuclear magnetic resonance spectrometers, DNA and protein sequencers, biosensors, electron and light microscopes, flow cytometers, and biomedical imagers.			
NIH (S10) High End Instrumentation (HEI)	$600k - $2M	June	No
Encourages applications from groups of NIH-supported investigators to purchase or upgrade a single item of high-end, specialized, commercially available instrument or integrated system. Types of instruments supported include, but are not limited to: X-ray diffraction systems, nuclear magnetic resonance (NMR) and mass spectrometers, DNA and protein sequencers, biosensors, electron and confocal microscopes, cell-sorters, and biomedical imagers.			
NIH (R24) Modern Equipment for Shared-Use Biomedical Research Facilities: Advancing Research-Related Operations	$25k - $400k of direct costs	December (anticipated)	1 per institution (Internal LOI deadline: September)
Supports the purchase and installation of advanced equipment to enhance and modernize research-supporting operations of biomedical research facilities. Targeted are core facilities, animal research facilities, and other research spaces that are used on a shared basis.			
NSF Capacity: Biological Field Stations and Marine Laboratories (FSML)	No limit	Rolling	No
Supports environmental and basic biological research and education by preserving access to study areas and organisms, by providing facilities and equipment in close proximity to those study areas, and by fostering an atmosphere of mutual scientific interest and collaboration in research and education.			

Sponsoring Organization & Program/Grant Name	Amount Funded	Deadline	Limited Submission
NSF CISE Community Research Infrastructure (CCRI)	Planning projects: $50k - $100k Medium projects: $750k - $2M Grand projects: $2M - $5M	June	Organization – no PI/Co-PI – 1 proposal
Supports the creation and enhancement of world-class research infrastructure that will support focused research agendas in computer and information science and engineering. Provides infrastructure, tools, resources, and user services to support the associated research community in pursuing innovative research ideas to fruition. This could include equipment, testbeds, software, and data repositories needed to push the limits of computing, communications and information systems.			
NSF Earth Sciences Instrumentation and Facilities (EAR/IF)	Varies by activity	Rolling	No
Supports meritorious requests for infrastructure that promotes research and education in areas supported by the Division. Will consider proposals for the acquisition or upgrade of research equipment that will advance laboratory and field investigations, and student research training opportunities in the Earth sciences.			
NSF Major Research Instrumentation Program (MRI)	$100k - $4M	January	3 per institution, based on track (Internal LOI deadline: September)
Serves to increase access to shared instrumentation for scientific and engineering research and research training. Supports the acquisition or development of a multi-user research instrument that is, in general, too costly and/or not appropriate for support through other NSF programs.			
NSF Mid-scale Research Infrastructure-1 (Mid-scale RI-1)	Design projects: $600k - $20M Implementation projects: $6M - $20M	April	Organization – no PI/Co-PI – 1 proposal
Supports the fulfillment of a community-defined need that enables current and next-generation US researchers to be competitive in a global research environment. Both Implementation and Design projects may involve new or upgraded research infrastructure.			
NSF Mid-scale Research Infrastructure-2 (Mid-scale RI-2)	$20M - $100M	September	Organization – no PI/Co-PI – 2 proposals
Supports research infrastructure (RI) projects in high states of project and technical readiness for implementation. NSF RI includes any combination of facilities, equipment, instrumentation, or computational hardware or software, and the necessary human capital. Major facilities and mid-scale projects are subsets of research infrastructure.			
NSF Oceanographic Facilities and Equipment Support	$5k - $8.5M	December	No
Oceanographic facilities and equipment are supported by the Integrative Programs Section (IPS) of the Division of Ocean Sciences Division (OCE), Directorate for Geosciences (GEO). These awards are made for the procurement, conversion and/or up-grade, enhancement or annual operation of platforms in the ocean, coastal, near-shore and Great Lakes.			

Sponsoring Organization & Program/Grant Name	Amount Funded	Deadline	Limited Submission
NSF Sustaining Infrastructure for Biological Research	No limit	Open	No
Supports the continued operation of existing research infrastructure that advances contemporary biology in any research area supported by the Directorate for Biological Sciences (BIO) at NSF.			